

Material handling vehicle steering system.

Publication number: DE69109453T

Publication date: 1995-09-07

Inventor: AVITAN ISAAC (US)

Applicant: RAYMOND CORP (US)

Classification:

- international: B62D5/04; B62D7/02; B60K7/00; B62D5/04; B62D7/00;
B60K7/00; (IPC1-7): B62D5/04; B60K7/00

- european: B62D5/04F; B62D7/02

Application number: DE19916009453T 19911212

Priority number(s): US19900627106 19901213

Also published as:



EP0490673 (A1)



US5128598 (A1)

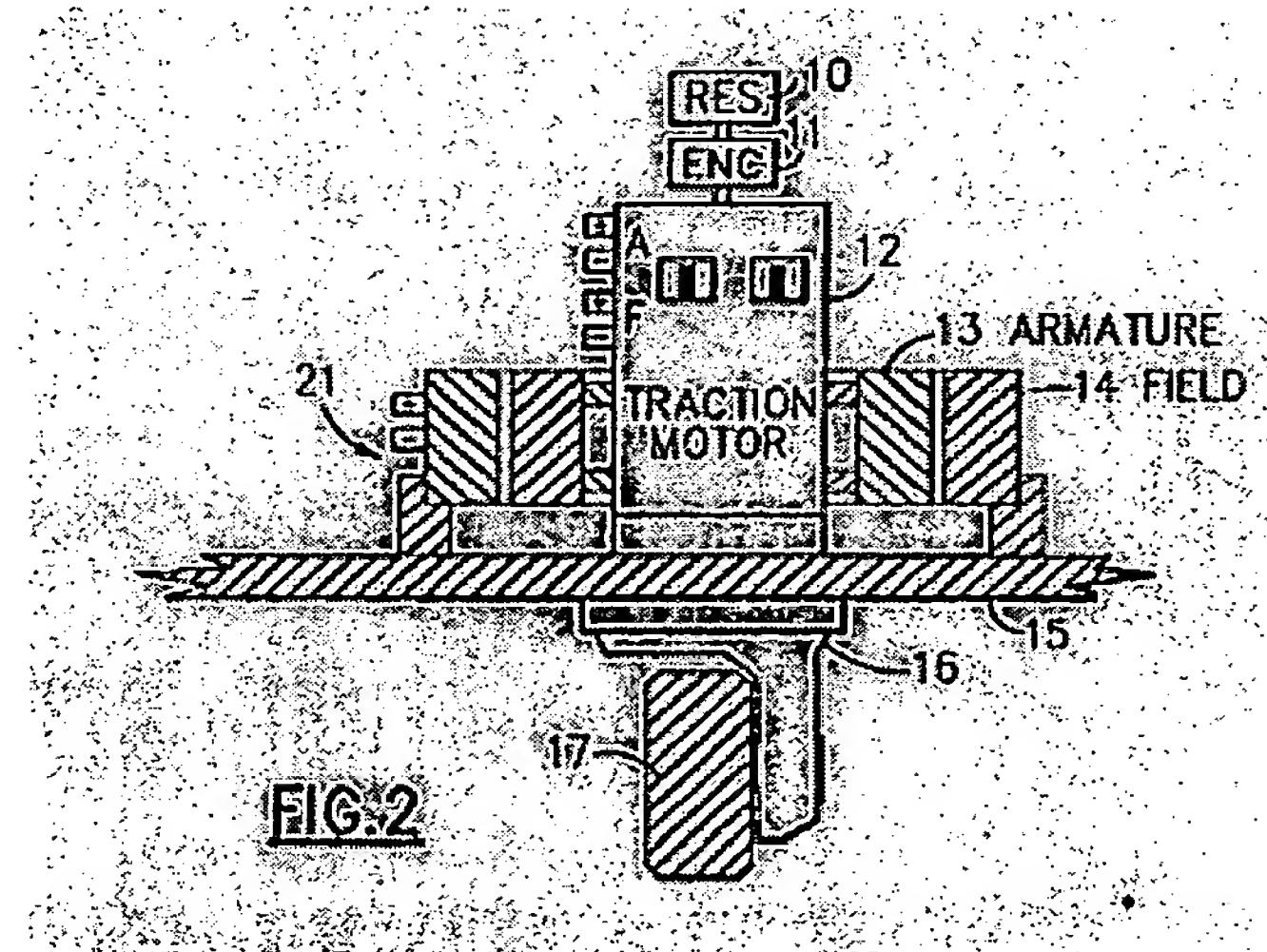
EP0490673 (B1)

[Report a data error here](#)

Abstract not available for DE69109453T

Abstract of corresponding document: **EP0490673**

A steer/drive control system for steering a material handling vehicle by directly coupled traction and steering motors is disclosed. The steering motor (21) is fabricated as a hollow shaft D.C motor, whose inner ring (13) represents the rotor, and whose outer ring (14) represents the stator which is connected to a frame (15) carrying the steering and drive wheel (17). The rotor is integrally connected to the traction motor (12) that drives the steering and drive wheel. A hand operated steering mechanism (45) rotationally guides the vehicle. A steering angle sensor (10) determines the difference between actual and desired heading of the steering and drive wheel. The steer/drive system utilises the sensed difference, and generates a signal for controlling the heading of the steering and drive wheel.



Data supplied from the **esp@cenet** database - Worldwide